

Converting Colors

$Yxy(45.3680, 0.2582, 0.2762)$

Have a look what the booklet for
Yxy(45.3680, 0.2582, 0.2762)
contains.

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Color

Yxy(45.4906, 0.2584, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	94B7DF
RGB	148, 183, 223
RGB Percent	58%, 72%, 87%
CMY	0.4200, 0.2822, 0.1256
CMYK	0.34, 0.18, 0.00, 0.13
HSL	212°, 54%, 73%
HSV	212°, 34%, 87%
XYZ	42.4513, 45.4906, 76.3434
YIQ	177.0950, -33.7000, 5.0200

Conversions

Conversions Part 2

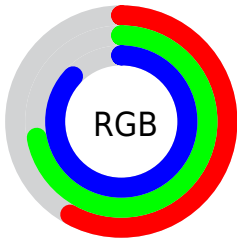
Format	Color
RYB	148, 172, 223
Decimal	9746399
CIELab	73.21, -2.34, -23.86
CIELCh	73, 23.976, 264.388
Yxy	45.4906, 0.2584, 0.2769
Android (android.graphics.Color)	4287936479 (0xFF94B7DF)
YUV	177.0950, 22.6312, -25.5163
Hunter-Lab	67.4467, -5.6829, -19.8980

Details

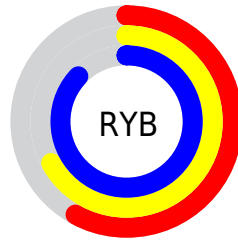
The Yxy color **45.4906, 0.2584, 0.2769** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.7313, 0.3757, 0.3758**, and the grayscale version is **43.9034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7904, 0.2816, 0.3120**, and **21.2253, 0.2438, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **38.9187, 0.2418, 0.2581**, and if you desaturate by 10%, it is **52.8794, 0.2751, 0.2942**.

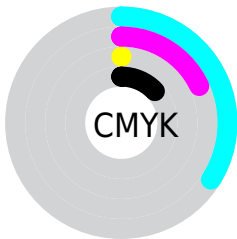
Distribution



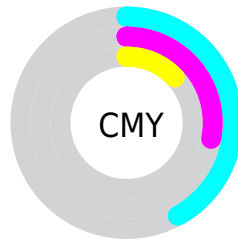
- Red (58%)
- Green (72%)
- Blue (87%)



- Red (58%)
- Yellow (67%)
- Blue (87%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4906, 0.2584, 0.2769 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.4906, 0.2584, 0.2769 by changing the saturation by 10% instead.

■ 45.4906, 0.2584,
0.2769

■ 45.4906, 0.2584,
0.2769

368.7569, 0.2852,
0.3028

■ 31.8440, 0.2519,
0.2706

■ 83.4561, 0.2680,
0.2862

■ 21.2424, 0.2437,
0.2625

■ 108.5439, 0.2716,
0.2897

■ 13.3013, 0.2329,
0.2519

138.2141, 0.2747,
0.2927

■ 7.6364, 0.2184,
0.2376

172.8513, 0.2774,
0.2953

■ 3.8632, 0.1978,
0.2170

212.8397, 0.2797,
0.2975

■ 1.5973, 0.1669,
0.1858

258.5639, 0.2818,

■ 0.3558, 0.0890,

0.2995

0.1127

310.4081, 0.2836,
0.3012

0.0000, 0.0000,
0.0000

45.4906, 0.2584,
0.2769

45.4906, 0.2584,
0.2769

38.9187, 0.2418,
0.2581

52.8794, 0.2751,
0.2942

33.1251, 0.2258,
0.2382

61.1108, 0.2914,
0.3100

28.0756, 0.2108,
0.2175

70.2157, 0.3071,
0.3242

23.7307, 0.1976,
0.1966

80.2218, 0.3221,
0.3368

20.0459, 0.1865,
0.1761

90.3106, 0.3331,
0.3481

■ 16.9690, 0.1780,
0.1567

■ 97.6209, 0.3317,
0.3594

■ 15.2881, 0.1736,
0.1451

■ 98.1069, 0.3316,
0.3602

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.4906, 0.2496, 0.2934



45.4906, 0.2584, 0.2769



45.4906, 0.2812, 0.2742

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.4906, 0.2584, 0.2769



45.4906, 0.3722, 0.3318



45.4906, 0.3090, 0.3800

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.4906, 0.2584, 0.2769



53.7313, 0.3757, 0.3758

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.4906, 0.3424, 0.3896



45.4906, 0.2584, 0.2769



45.4906, 0.3801, 0.3593

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.4906, 0.2584, 0.2769



45.4906, 0.3473, 0.3051



45.4906, 0.3688, 0.3810



45.4906, 0.2777, 0.3541

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.4906, 0.2584, 0.2769



45.4906, 0.3022, 0.2797



45.4906, 0.3688, 0.3810



45.4906, 0.3204, 0.3853

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.4924, 0.2584, 0.2769



87.1244, 0.2971, 0.3153



62.6296, 0.2853, 0.3760



18.2819, 0.2949, 0.3132



0.0000, 0.0000, 0.0000



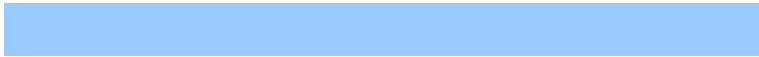
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.4924, 0.2584, 0.2769



55.6307, 0.2474, 0.2646



32.8836, 0.2532, 0.2293



14.2950, 0.2981, 0.3162



9.2126, 0.1744, 0.1478



0.8166, 0.1825, 0.1768

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.2574, 0.3545, 0.2880



48.2459, 0.3661, 0.2798



70.3898, 0.3623, 0.4129



13.8067, 0.3219, 0.3181



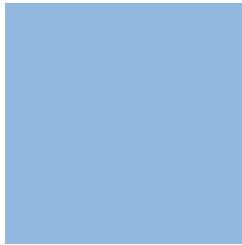
9.8381, 0.5088, 0.2577



0.6999, 0.4723, 0.2376

Previews

White Background



This preview shows how the Yxy color 45.4906, 0.2584, 0.2769 looks on a white background.

Color Contrast Check

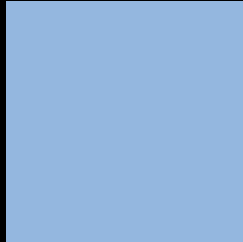
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.4906, 0.2584, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

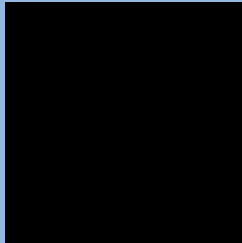
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

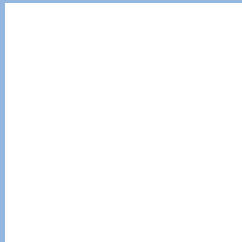
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4906, 0.2584, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 45.4906, 0.2584, 0.2769.



This preview shows how white text looks on a background with the Yxy color 45.4906, 0.2584, 0.2769.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.4906, 0.2584, 0.2769

Protanopia

45.5013, 0.2758, 0.2771

Deuteranopia

45.3711, 0.2738, 0.2680



Tritanopia

45.6446, 0.2686, 0.3084

Trichromacy



Original Color

45.4906, 0.2584, 0.2769

Protanomaly

45.4912, 0.2695, 0.2777

Deuteranomaly

45.5145, 0.2682, 0.2720

Tritanomaly

45.7907, 0.2648, 0.2967

Monochromacy



Original Color

45.4906, 0.2584, 0.2769

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2422, 0.2904, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4906, 0.2584, 0.2769 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 183, 223)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 183, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 223) }
```

Border

The CSS property to change the border of an element to Yxy 45.4906, 0.2584, 0.2769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 183, 223) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 183, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 183, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 183, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 183, 223); box-shadow:4px 4px 4px 4px rgb(148, 183, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4906, 0.2584, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148,  
183, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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